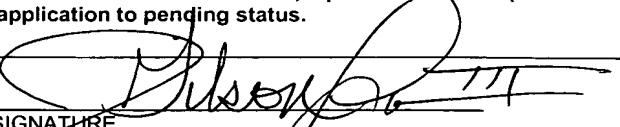


Form PTO-1390 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		EXPRESS MAIL LABEL NO.: EV 915326520 US ATTORNEY'S DOCKET NUMBER: 21108.0042U2 U.S. APPLICATION NO. (if known) see 37 CFR 1.5 107587300 Unassigned
INTERNATIONAL APPLICATION NO. <b>PCT/US05/02380</b>	INTERNATIONAL FILING DATE <b>26 January 2005</b>	PRIORITY DATE CLAIMED <b>26 January 2004</b>
TITLE OF INVENTION: <b>INOSITOL 1,4,5-TRISPHOSPHATE RECEPTOR MUTANTS AND USES THEREOF</b>		
APPLICANT(S) FOR DO/EO/US: <b>YULE, David L., et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))        a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).        b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.        c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))        a. <input type="checkbox"/> is attached hereto.        b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))        a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> have been communicated by the International Bureau.        c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.        d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. The contents of the paper copy and the computer-readable form of the Sequence Listing submitted herewith are the same and include no new matter, as required by 37 C.F.R. 1.821(f).</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. Other items or information: Return Postcard</p>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>Unassigned 0,587300</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US05/02380</b>	ATTORNEY DOCKET NUMBER <b>21108.0042U2</b>		
<p><b>The following fees have been submitted</b></p> <p>21. <input checked="" type="checkbox"/> Basic national fee ..... <b>\$300.00</b></p> <p>22. <input checked="" type="checkbox"/> Examination fee If written opinion prepared by ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$ 0.00</b></p> <p>All other situations ..... <b>\$200.00</b></p> <p>23. <input checked="" type="checkbox"/> Search Fee If written opinion prepared by ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$ 0.00</b></p> <p>If Search fee (37 CFR 1.445(a)(2) in International Application to USPTO as ISA ..... <b>\$100.00</b></p> <p>ISR prepared by an ISA other than the US and provided to USPTO ..... <b>\$400.00</b></p> <p>All other situations ..... <b>\$500.00</b></p>				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
<p align="center"><b>TOTAL OF 21, 22 AND 23 =</b></p>				<b>\$ 600.00</b>	
<p><input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>					
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>No. of each additional 50 or fraction thereof (round up to a whole number)</b>	<b>RATE</b>		
<b>110 - 100</b>	<b>10 / 50 =</b>		<b>X \$250</b>	<b>\$ 250.00</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$ 130.00</b>	
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total claims		89 - 20 =	69	X \$50.00	<b>\$ 3,450.00</b>
Independent claims		4 - 3 =	1	X \$200.00	<b>\$ 200.00</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	<b>\$ 360.00</b>
<p align="center"><b>TOTAL OF ABOVE CALCULATIONS =</b></p>				<b>\$4,990.00</b>	
<p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½ -</p>				<b>\$ 2,495.00</b>	
<p align="center"><b>SUBTOTAL =</b></p>				<b>\$2,495.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 months <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$ 0.00</b>	
<p align="center"><b>TOTAL NATIONAL FEE =</b></p>				<b>\$ 2,495.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property				<b>\$ 0.00</b>	
<p align="center"><b>TOTAL FEES ENCLOSED =</b></p>				<b>\$2,495.00</b>	
				Amount to be refunded:	\$
				charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No.14-0629 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0629. A duplicate copy of this sheet is enclosed.					
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
e. <input checked="" type="checkbox"/> Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby requested and authorized to treat any concurrent or future reply in the above-identified application, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b) must be filed and granted to restore the application to pending status.</b></p>					
<p>SEND ALL TO THE ADDRESS ASSOCIATED WITH: : </p> <p>Customer No. 23859</p>					
<p><b>SIGNATURE</b></p> <p>LANIER, J. Gibson, III</p>					
<p><b>NAME</b></p> <p>57,519</p>					
<p><b>REGISTRATION NUMBER</b></p>					